

Johnson St NE / 35W Intersection Improvements

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Pedestrian Advisory Committee
20% Conceptual Design



Introductions

Minneapolis Public Works

Fontaine Burruss, TPP

Luke Hanson, TPP

Drew Schmitz, TPP

Bev Warmka, TED

Stantec Design Team

Steven Voelker, PE – PM/Civil design lead

Tyler McLeete, PE – Senior PM

Agenda

Introductions

Project Background

Project Scope

Project Coordination

Concept Development

Project Schedule/Next Steps

Open Discussion

Project Scope

What?

Reconstruction of the intersection of Johnson St NE/ I35W Ramps/ Quarry Access

Why?

To improve the safety, comfort and travel experience for all users

When?

Planning and design – 2022-2023

Construction - 2024



Project Goals

- Improve safety and comfort for all people using the intersection
- Improve the design and operation of the intersection
- Replace and improve aging signals and pavement
- Upgrade sidewalks, ramps, and crossings
- Make it safer and more comfortable to bike through the area
- Support current and future transit
- Incorporate green stormwater infrastructure and sustainable landscaping

Project Coordination

- MnDOT
 - I-35W Ramps
- The Quarry
 - Access from Eastern leg
- MetroTransit
 - Current routes #4 and #30 have stops within project area
 - Future BRT Route
- Public Engagement
 - Round 1 - held early February
 - Round 2 - anticipated mid-April

Existing Facilities



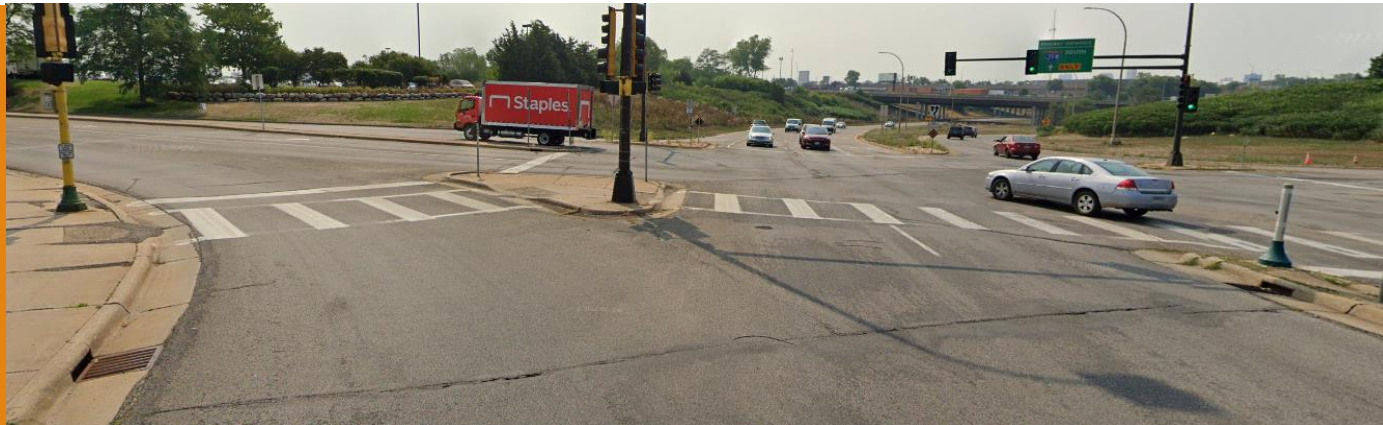
- Free-flow slip lanes and porkchop medians
- Long crossing distance across Johnson St NE
- Outdated pedestrian ramps
- Aim to reduce crossing distances
- Provide connections to the Northeast Recreation Center and local neighborhoods

Pedestrian Facilities

Southbound
Johnson St NE

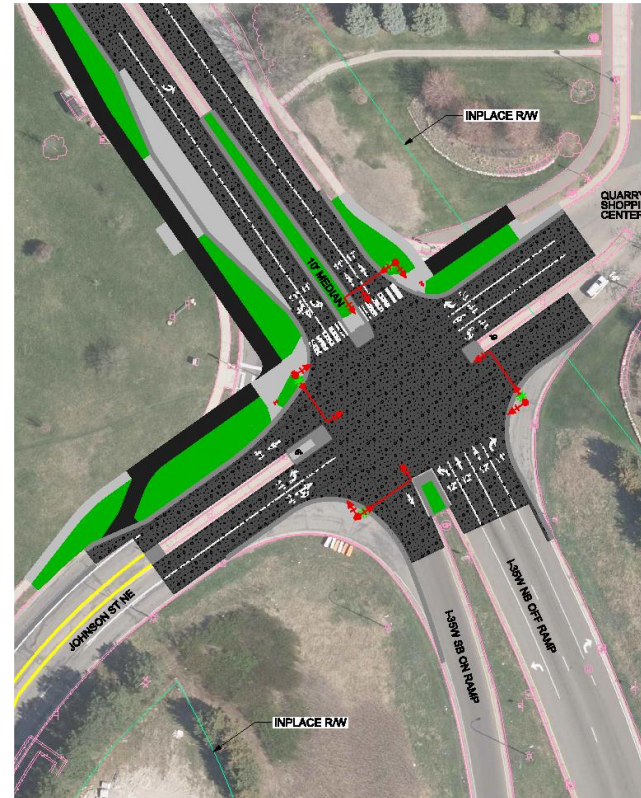


Northbound
Johnson St NE



Design Considerations

- Two design options considered
 - Signalized Intersection
 - Roundabout
- Prepared ICE report to analyze both concepts
 - Used traffic models to understand current and future operations needs
 - Both options require two NB travel lanes
- Proceeding with signalized intersection control
 - Not just a traffic consideration
 - Ped safety concerns with roundabout



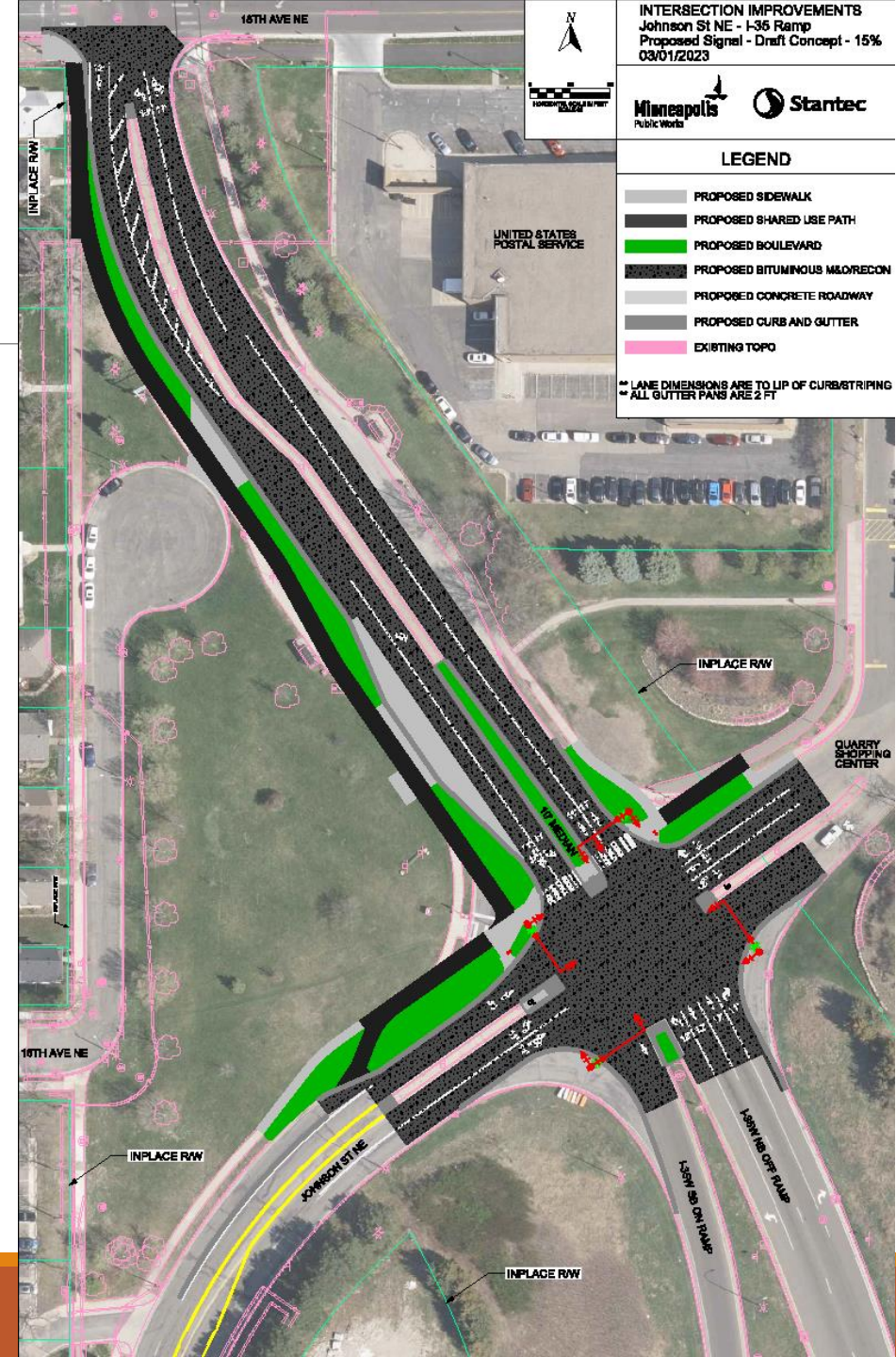
Existing Facilities



- Existing trail terminates at intersection
- Opportunity to crossing experience through the intersection.
- Coordinate with long term vision of bicycle facility along Johnson St NE to the South.
- Provide connections to the Northeast Recreation Center and local neighborhoods

Current Concept

- Incorporate 10' SUP along the West side making the connection to 18th Ave NE
- Shorten crossing distance across Johnson St NE
 - Existing ~ 160'
 - Proposed ~ 80'
- Add a 10' median refuge
- Upgrade pedestrian signals
- Shift bus stop closer to the intersection



Questions

Fontaine Burruss

Transportation Planner

fontaine.burruss@minneapolismn.gov